

ISOTANGLE 1.18

by Henk Prins 12/03/2018

Angles for R.I. = 1.810

53 + 9 girdles = 62 facets

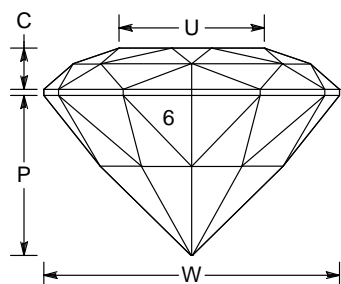
1-fold, mirror-image symmetry

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L/W = 1.180 T/W = 0.528 U/W = 0.491

P/W = 0.540 C/W = 0.139

Vol./W³ = 0.261



PREFORM

PF1	42.70°	22-74	Cut PF1 & PF2 at this angle to obtain TCP
PF2	45.00°	17-79	Recut to TCP
PF3	37.40°	41-55	Cut to TCP
PF4	39.50°	11-85	Cut to TCP
PF5	39.00°	48	Cut to TCP
G1	90.00°	22-74	Establish width, temp girdle should be approx 50% depth of stone
G2	90.00°	17-79	Level girdle
G3	90.00°	11-85	Level girdle
G4	90.00°	41-55	Level girdle
G5	90.00°	48	Level girdle

PAVILION

1	43.30°	28-68	Cut to TCP
2	57.10°	22-74	Meet 1-G1-G4, level girdle
3	57.40°	41-55	Meet 1-2-G1-G4, level girdle
4	57.70°	48	level girdle
5	57.40°	17-79	level girdle
6	57.40°	11-85	level girdle
7	52.50°	14-82	Cut to meet girdle
8	54.00°	18-78	Cut to meet girdle
9	52.30°	45-51	Cut to meet girdle
10	46.50°	14-82	Meet 7-5-8 & 7-6
11	50.20°	18-78	Meet 7-5-7-10 & PCP
12	40.70°	45-51	Meet 1-5-9 & PCP

CROWN

A	55.40°	17-79	Establish girdle width
D	46.80°	48	Level girdle
B	43.93°	22-74	Level girdle
C	40.50°	41-55	Level girdle
E	38.90°	11-85	Level girdle
F	38.20°	21-75	Cut to meet girdle
G	32.90°	13-83	Cut to meet girdle
H	32.20°	43-53	Cut to meet girdle
I	27.50°	21-75	Meet C-B-F-H
J	24.50°	13-83	Meet G-E-E-G
K	24.40°	43-53	Meet I-F-B-C
L	18.70°	24-72	Meet I-F-B-C-K
M	18.39°	16-80	Meet J-G-A-F-I
N	17.50°	39-57	Meet I-F-B-C-K-L
O	11.80°	96	Meet E-G-J
P	16.50°	48	
T	0.00°	Table	